



CITY OF SOMERVILLE WATER DEPARTMENT

1 Franey Road
Somerville, MA 02145

Telephone: 625-6600 ext 5850

Design Data Sheet and Plans must be approved before the backflow device is installed.

CROSS CONNECTION PREVENTION & CONTROL DESIGN DATA SHEET

Owner Name: _____

Address: _____

Control Number: _____

Facility Name: _____

Address: _____

Contact Person: _____ **Phone Number:** _____

New Facility: _____ **Existing Facility:** _____

General Description of Business or activities carried out at this Facility:

Device Data:

Manufacturer: _____ **Model#** _____

RPBP: _____ **Double Check Valve Assembly:** _____ **PVS** _____ (choose one)

Size: _____ **Serial #:** _____ **Gate Type** _____

Hot or Cold Water Unit: _____

Location of Device: _____

Location Potable Water: _____ **Bypass Req?:** Yes___ No___

Describe Service Protected: _____

How Many Other Reduced Pressure Backflow Preventers (RPBP) and Double Check Valve Assemblies(DCVA) are located in this building? _____

Facility? _____ **Type of gate valves:** OS&Y___ Ball___

Butterfly _____ **Other** _____

Device Maintenance and Testing Schedules:

Describe the maintenance and testing schedule of the above device(s).

(Please refer to 310 CMR 22.22.)

Plans Required: A fully labeled, detailed schematic of the potable and non potable water piping immediately surrounding the backflow prevention device installation showing:

- a) height above floor of the device
- B) distance from wall of the device
- C) type of chemical(s) used (if any) and the type of equipment downstream of the device
- D) type of chemical(s) used (if any) and the type of equipment upstream of the device

Please note the schematic must be at least 8 and 1/2 by 11 with a complete title block.

When installation of devices involve a large or complex plumbing system, formal prints must be submitted with a Professional Engineer's stamp, subject to the discretion of the reviewing authority.

Design Data Sheet(s) must be submitted to the Water Superintendent for review and approval.

Submitted by: _____ Date: _____

Name of Company: _____ Tel: _____

Plumber Signature: _____

Plumber License # _____ **Permit Fee: \$25 pending**

Owner/Agent Signature: _____ Date: _____

For Departmental Use:

Comments _____

Reviewer's
Signature _____

The Department of Environmental Protection delegates its responsibility under 310 CMR 22.22. to public water systems. Every public water system shall be responsible for controlling cross connections to the last free flowing outlet of the consumer and for the safety of the public water system under its jurisdiction.

All plumbing permits requiring testable backflow devices as well as all plans for a new, existing or substantially modified fire protection system, including residential fire protection systems, must have approval of the public water system. 310 CMR 22.22 (6) No plumbing permit shall be issued for cross connection installations requiring Reduced Pressure Zone Backflow Preventors or Double Check Valve assemblies until the application for such permit is accompanied by a letter of approval from the Department, its Designee or public water system.